

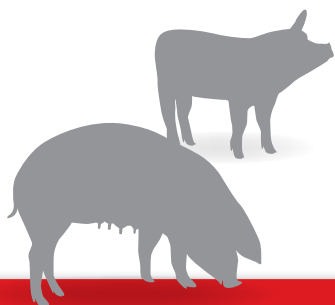
CHORE-TIME[®]



TURBO[®] FANS

**AIR MOVING EFFICIENCY WITH
LONG CORROSION-RESISTANT LIFE**

- › Optimizes performance efficiency
- › Adaptable sizes and specialized features
- › Easy to clean



TURBO® FANS

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From the simplest to the most complex ventilation system design, Chore-Time's advanced ventilation products, combined with our expertise, can help you put together a system that will meet your needs for power or natural ventilation. Durable, pig-tough fiberglass fans with stainless steel or cast-aluminum blades from the smallest pit fan to a 52-inch (1321-mm) diameter cone fan are available for high-performance air movement. All Chore-Time Fans are put through rigorous testing at Chore-Time facilities and are then independently rated by BESS Lab.

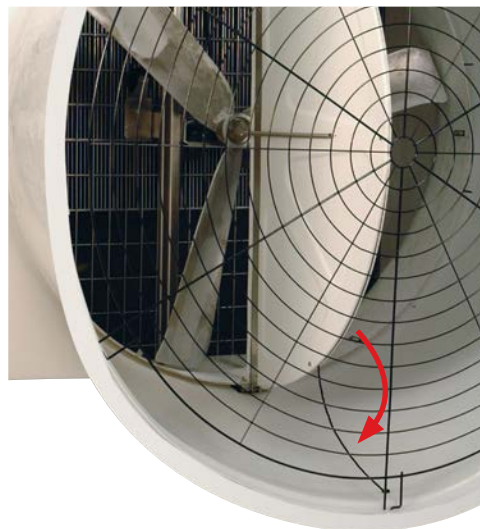
Fan models available

- › 52-inch (1321-mm) diameter TURBO® Fan with HYFLO® Shutter Door
- › 52-inch (1321-mm) diameter TURBO® Fan with louver shutter and cone
- › 14- to 48-inch (356- to 1219-mm) diameter TURBO Fans with louver shutter and cone
- › 14- to 48-inch (356- to 1219-mm) diameter TURBO Fans with grill
- › 14- to 24-inch (356- to 610-mm) diameter TURBO Fans with weather hood

Fan Performance

- › Chore-Time's high-capacity 52-inch (1321-mm) diameter TURBO® Fan with HYFLO® Shutter Door delivers more air with fewer fans – 29,700 CFM at 0.05 inches of static pressure in independent wind tunnel tests.
- › Motor fan models are optimized for peak performance efficiency. The motors are rigorously tested in Chore-Time's on-site wind tunnel to endure extreme operating conditions.
- › Heavy-duty, cast iron, air-handler type bearings are self-aligning, pre-lubricated, and include a grease zerk fitting, as well as being shielded from moisture and dust.
- › Automatic belt tensioning system on belt-drive fans uses an idler arm and pulley to maintain constant optimum belt tension.
- › Fans are shipped fully assembled with shutter attached. At installation, attach fan to barn sidewall, add one-piece cone and snap grill in place. Unit installs flush on inside of barn.

- › Backed by Chore-Time's generous extended warranty, which includes limited lifetime coverage for housing and blade, three years on shutter and cone, and two years on motor and bearings. (See Chore-Time's full written warranty for complete details.)



Cable attachment allows HYFLO® Doors to float left or right together for maximum efficiency.



HYFLO® Shutter Doors are pushed open as air is exhausted when fan operates. The shutter's unique springs draw the doors closed when the fan is not in operation.

Chore-Time HYFLO® Shutter Doors

- › Chore-Time's HYFLO® Shutter Doors are available on Chore-Time 52-inch (1321-mm) diameter TURBO Fan models.
- › This popular feature that minimizes obstructions during fan operation and helps the fan to seal tighter when not operating.
- › Delivers up to 10% more air than traditional shutters.
- › 75% less opportunity for air to leak through compared to a traditional louver shutter.
- › HYFLO Doors do not suffer the 12-15% loss of efficiency and air speed typical of dirty louver-style shutters, so air speed is maintained over time
- › The HYFLO® Shutter consists of only two moving parts for greater reliability and easier cleaning.

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Chore-Time's Louver Shutters

- > Energy-efficient louver shutters are available on Chore-Time TURBO Fans 14- through 52-inches (356- through 1321-mm) in diameter.
- > These Chore-Time louver shutters come in an aerodynamic “belled” style frame for greater efficiency as well as in a flat frame model for flush mounting. Available in white or gray.
- > Louvers' flexible edge helps seal the fan's opening when fan is at rest.
- > Corrosion-proof construction with a rigid vinyl frame and hinges using fiberglass rods offer greater durability.
- > Louvers are designed to be easy to replace and have a smooth, easy-care finish for low maintenance.



Chore-Time TURBO® Fan with grill.



“Belled” style louver shutter frame has a curved aerodynamic shape for greater air-moving efficiency.



Flexible louver edge helps seal the fan's opening when the fan is not operating.



Optional cone covers help to seal out drafts and are made of vinyl-coated, ultraviolet-resistant fabric.



Optional weather hood for 24-inch (610-mm) fans.



TURBO® FIBERGLASS FAN SPECIFICATIONS



CONE FANS With HYFLO® SHUTTERS			.00 Static Pressure		.05 Static Pressure		.10 Static Pressure		Air Flow Ratio	Bess Labs Test Number
Drive	Type	Fan P/N	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt		
52-Inch (1321-mm) Fans with HYFLO® Shutter (1 Phase)										
BD	Standard	49740-22	28,700	26.4	27,000	23.5	24,900	20.8	0.73	04334
BD	High-Capacity	49740-21	N/A	N/A	29,700	20.5	27,700	18.3	0.79	04312
52-Inch (1321-mm) Fans with HYFLO® Shutter (3 Phase)										
BD	Standard	49740-42	28,800	26.3	27,100	23.3	24,800	20.5	0.73	04335
BD	High-Capacity	49740-41	N/A	N/A	29,700	20.3	27,900	18.2	0.79	04318

CONE FANS With LOUVER SHUTTERS			.00 Static Pressure		.05 Static Pressure		.10 Static Pressure		Air Flow Ratio	Bess Labs Test Number
Drive	Type	Fan P/N	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt		
48 Inch (1219-mm) Fans with Bell Louver Shutter - Choose Grill or High-Efficiency Cone										
BD	48-Inch Standard	38264-4825	25,200	23.9	23,600	21.2	22,100	19.0	0.74	04332
BD	48-Inch High-Cap.	47898-4825	27,700	19.6	26,400	18.0	25,000	16.3	0.83	02473
36 Inch (914-mm) Fans with Flat Louver Shutter for Flush-Mount - Choose Grill Model or High-Efficiency Cone										
DD	36-Inch (914-mm)	38265-3622	11,710	20.5	10,970	18.6	10,200	16.8	0.73	96159
BD	36-Inch (914-mm)	38589-3622	12,640	20.8	11,960	19.0	11,190	17.0	0.79	96199
Variable Speed Fans with Flat Louver Shutter for Flush-Mount - Choose Hood Model or High-Efficiency Cone										
DD	24-Inch (610-mm)	40452-2422	6,400	17.8	5,990	16.2	5,550	15.0	0.73	98012
DD	18-Inch (457-mm)	40452-1822	4,180	15.2	4,010	14.1	3,870	13.0	0.87	98008
DD	14-Inch (356-mm)	40452-1422	2,120	14.8	2,030	13.8	1,910	12.6	0.78	98059

HOOD FANS*			.00 Static Pressure		.05 Static Pressure		.10 Static Pressure		Air Flow Ratio	Bess Labs Test Number
Drive	Type	Fan P/N	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt		
DD	24-Inch (610-mm)	40453-2422	4,890	13.0	4,510	12.1	4,150	11.1	0.55	98013
DD	18-Inch (457-mm)	40453-1822	3,300	10.3	3,160	9.6	3,010	9.2	0.84	98009
DD	14-Inch (356-mm)	40453-1422	1,580	9.7	1,500	9.2	1,380	8.7	0.54	98010

GRILL FANS			.00 Static Pressure		.05 Static Pressure		.10 Static Pressure		Air Flow Ratio	Bess Labs Test Number
Drive	Type	Fan P/N	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt		
BD	48-Inch (1219-mm)	38948-4822	22,100	18.6	20,900	17.1	19,400	15.6	0.77	96167
DD	36-Inch (914-mm)	38789-3622	10,950	16.7	10,300	15.3	9,590	13.8	0.78	96326

*Also available as Grill Fans.

